

### **IN THE CLAIMS**

1 (withdrawn): A method for inhibiting bone metastases and metastatic growth in a patient which comprises administering to the patient in need thereof a therapeutically effective amount of an endothelin ET-A receptor antagonist.

2 (withdrawn): The method of Claim 1 wherein the bone metastases are osteoblastic.

3 (withdrawn): The method of Claim 2 wherein the osteoblastic bone metastases result from the spread of a primary cancer selected from breast, prostate, lung, kidney, thyroid, myeloma, lymphoma, sarcoma, osteosarcoma, and ovarian.

4 (withdrawn): The method of Claim 3 wherein the primary cancer is prostate cancer and the patient is male.

5 (withdrawn): The method of Claim 1 which additionally comprises co-administration of an anticancer drug.

6 (withdrawn): The method of Claim 5 wherein the anticancer drug agent is selected from leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

7 (withdrawn): The method of Claim 1 which additionally comprises the administration of radiation therapy.

8 (withdrawn): The method of Claim 1 which additionally comprises the administration of at least one therapeutic agent which impedes net bone loss.

9 (withdrawn): The method of Claim 8 wherein the therapeutic agent is a bisphosphonate.

10 (withdrawn): The method of Claim 1 wherein the endothelin antagonist is an ET<sub>A</sub>-selective endothelin antagonist.

11 (withdrawn): A method for the inhibition of bone loss in a patient which comprises administering to the patient in need thereof a therapeutically effective amount of an endothelin ET-A receptor antagonist.

12 (withdrawn): The method of Claim 11 wherein the patient has cancer.

13 (withdrawn): The method of Claim 11 wherein the cancer is prostate cancer and the patient is male.

14 (withdrawn): The method of Claim 11 which additionally comprises the administration of at least one therapeutic agent which impedes net bone loss.

15 (withdrawn): The method of Claim 14 wherein the therapeutic agent is a bisphosphonate.

16 (withdrawn): A method for the reduction of cancer-related pain in a patient which comprises administering to the patient in need thereof a therapeutically effective amount of an endothelin ET-A receptor antagonist.

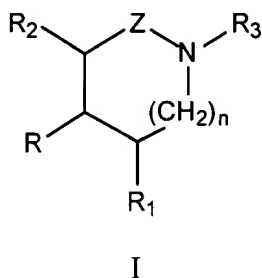
17 (withdrawn): The method of Claim 16 wherein the cancer is prostate cancer and the patient is male.

18 (withdrawn): The method of Claim 16 which additionally comprises the administration of an anticancer drug.

19 (withdrawn): The method of Claim 18 wherein the anticancer drug is selected from leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

20 (withdrawn): The method of Claim 17 which additionally comprises the administration of radiation therapy.

21 (withdrawn): A method for inhibiting bone metastases in a patient which comprises administering to the patient in need thereof a therapeutically effective amount of a compound of formula I:



wherein

R is  $-(CH_2)_m-W$ ;

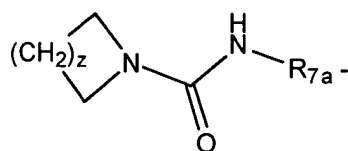
Z is selected from  $-C(R_{18})(R_{19})-$  and  $-C(O)-$ ;

$R_1$  and  $R_2$  are independently selected from hydrogen, loweralkyl, alkenyl, alkynyl, alkoxyalkyl, alkoxycarbonylalkyl, hydroxyalkyl, haloalkyl, haloalkoxyalkyl, alkoxyalkoxyalkyl, thioalkoxyalkoxyalkyl, cycloalkyl, cycloalkylalkyl, aminocarbonylalkyl, alkylaminocarbonylalkyl, dialkylaminocarbonylalkyl, aminocarbonylalkenyl, alkylaminocarbonylalkenyl, dialkylaminocarbonylalkenyl, hydroxyalkenyl, aryl, arylalkyl, aryloxyalkyl, arylalkoxyalkyl, (Nalkanoyl-N-alkyl)aminoalkyl, alkylsulfonylamidoalkyl, heterocyclic, (heterocyclic)alkyl, and  $(R_{aa})(R_{bb})N-R_{cc}-$ ,

with the proviso that one or both of  $R_1$  and  $R_2$  is other than hydrogen;

R<sub>3</sub> is selected from R<sub>4</sub>-C(O)-R<sub>5</sub>-, R<sub>4</sub>-R<sub>5a</sub>-, R<sub>4</sub>-C(O)-R<sub>5</sub>-N(R<sub>6</sub>)-, R<sub>6</sub>-S(O)<sub>2</sub>-R<sub>7</sub>-R<sub>26</sub>-S(O)-R<sub>27</sub>-, R<sub>22</sub>-O-C(O)-R<sub>23</sub>-, loweralkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, aryloxyalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl, alkoxyalkoxyalkyl, and R<sub>13</sub>-C(O)-CH(R<sub>14</sub>)-

R<sub>4</sub> and R<sub>6</sub> are independently selected from (R<sub>11</sub>)(R<sub>12</sub>)N-, loweralkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl, hydroxyalkyl, haloalkyl, haloalkenyl, haloalkoxyalkyl, haloalkoxy, alkoxyhaloalkyl, alkylaminoalkyl, dialkylaminoalkyl, alkoxy, and



R<sub>5</sub> is selected from a covalent bond, alkylene, alkenylene, -N(R<sub>20</sub>)-R<sub>8</sub>-, -R<sub>8a</sub>-N(R<sub>20</sub>)-R<sub>8</sub>-, -O-R<sub>9</sub>-, and -R<sub>9a</sub>-O-R<sub>9</sub>-;

R<sub>6</sub> is selected from loweralkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, aryl or arylalkyl;

R<sub>7</sub> is a covalent bond, alkylene, alkenylene -N(R<sub>21</sub>)-R<sub>10</sub>-, and -R<sub>10a</sub>-N(R<sub>21</sub>)-R<sub>10</sub>-;

R<sub>8</sub> is selected from alkylene and alkenylene;

R<sub>9</sub> is alkylene;

R<sub>10</sub> is selected from alkylene and alkenylene;

R<sub>11</sub> and R<sub>12</sub> are independently selected from hydrogen, loweralkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, heterocyclic, arylalkyl, (heterocyclic)alkyl, hydroxyalkyl, alkoxy, aminoalkyl, trialkylaminoalkyl, alkylaminoalkyl, dialkylaminoalkyl, and carboxyalkyl;

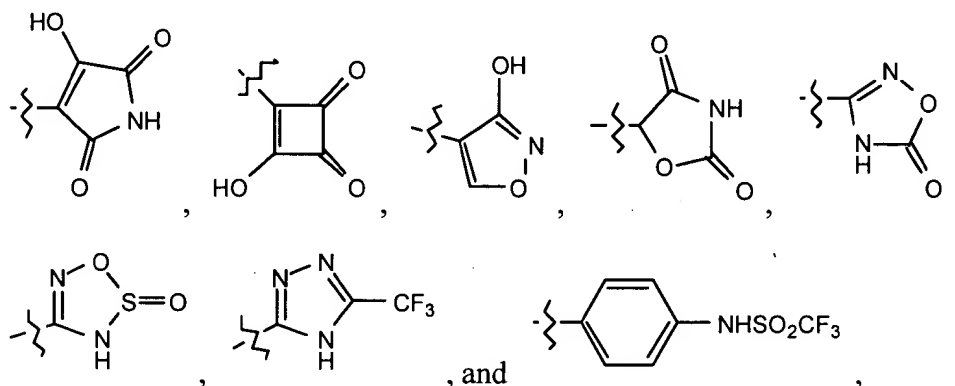
R<sub>13</sub> is selected from amino, alkylamino and dialkylamino;

R<sub>14</sub> is selected from aryl and R<sub>15</sub>-C(O)-;

R<sub>15</sub> is selected from amino, alkylamino and dialkylamino;

R<sub>16</sub> is selected from loweralkyl, haloalkyl, aryl and dialkylamino;  
 R<sub>17</sub> is loweralkyl;  
 R<sub>18</sub> and R<sub>19</sub> are independently selected from hydrogen and loweralkyl;  
 R<sub>20</sub> is selected from hydrogen, loweralkyl, alkenyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, cycloalkyl and cycloalkylalkyl;  
 R<sub>21</sub> is selected from hydrogen, loweralkyl, alkenyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, aryl and arylalkyl;  
 R<sub>22</sub> is selected from a carboxy protecting group and heterocyclic;  
 R<sub>23</sub> is selected from covalent bond, alkylene, alkenylene and -N(R<sub>24</sub>)-R<sub>25</sub>-;  
 R<sub>24</sub> is selected from hydrogen and loweralkyl;  
 R<sub>25</sub> is alkylene;  
 R<sub>26</sub> is selected from loweralkyl, haloalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl and alkoxy substituted haloalkyl;  
 R<sub>27</sub> is selected from alkylene and alkenylene;  
 R<sub>5a</sub> is selected from alkylene and alkenylene;  
 R<sub>7a</sub> is alkylene;  
 R<sub>8a</sub> is selected from alkylene and alkenylene;  
 R<sub>9a</sub> is alkylene;  
 R<sub>10a</sub> is selected from alkylene and alkenylene;  
 R<sub>aa</sub> is selected from aryl and arylalkyl;  
 R<sub>bb</sub> is selected from hydrogen and alkanoyl;  
 R<sub>cc</sub> is alkylene;  
 m is 0-6;  
 n is 0 or 1;  
 z is 0-5;  
 E is selected from hydrogen, loweralkyl and arylalkyl;  
 G is selected from hydrogen and a carboxy protecting group; and

W is selected from  $-C(O)_2-G$ ;  $-PO_3H_2$ ,  $-P(O)(OH)(E)$ ,  $-CN$ ,  $-C(O)NHR_{17}$ , alkylaminocarbonyl, dialkylaminocarbonyl, tetrazolyl, hydroxy, alkoxy, sulfonamido,  $-C(O)NHS(O)_2R_{16}$ ,  $-S(O)_2NHC(O)R_{16}$ ,



or a pharmaceutically acceptable salt thereof.

22 (withdrawn): The method of Claim 21 wherein the bone metastases are osteoblastic.

23 (withdrawn): The method of Claim 22 wherein the osteoblastic bone metastases result from the spread of a primary cancer selected from breast, prostate, lung, kidney, thyroid, myeloma, lymphoma, sarcoma, osteosarcoma, and ovarian.

24 (withdrawn): The method of Claim 23 wherein the primary cancer is prostate cancer and the patient is male.

25 (withdrawn): The method of Claim 21 which additionally comprises the administration of an anticancer drug.

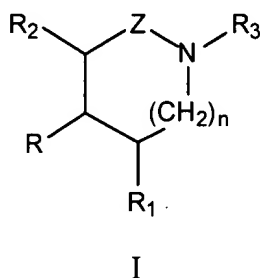
26 (withdrawn): The method of Claim 25 wherein the additional anticancer drug is selected from leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

27 (withdrawn): The method of Claim 21 which additionally comprises the administration of radiation therapy.

28 (withdrawn): The method of Claim 21 which additionally comprises the administration of at least one therapeutic agent which impedes net bone loss.

29 (withdrawn): The method of Claim 28 wherein the therapeutic agent is a bisphosphonate.

30 (withdrawn): A method for the inhibition of bone loss in cancer patients which comprises administering to the patient in need thereof a therapeutically effective amount of a compound of formula I:



wherein

R is  $-(CH_2)_m-W$ ;

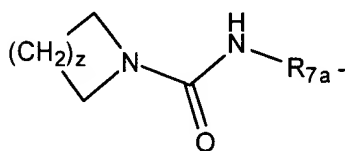
Z is selected from  $-C(R_{18})(R_{19})-$  and  $-C(O)-$ ;

$R_1$  and  $R_2$  are independently selected from hydrogen, loweralkyl, alkenyl, alkynyl, alkoxyalkyl, alkoxycarbonylalkyl, hydroxyalkyl, haloalkyl, haloalkoxyalkyl, alkoxyalkoxyalkyl, thioalkoxyalkoxyalkyl, cycloalkyl, cycloalkylalkyl, aminocarbonylalkyl, alkylaminocarbonylalkyl, dialkylaminocarbonylalkyl, aminocarbonylalkenyl, alkylaminocarbonylalkenyl, dialkylaminocarbonylalkenyl, hydroxyalkenyl, aryl, arylalkyl, aryloxyalkyl, arylalkoxyalkyl, (Nalkanoyl-N-alkyl)aminoalkyl, alkylsulfonylamidoalkyl, heterocyclic, (heterocyclic)alkyl, and  $(R_{aa})(R_{bb})N-R_{cc}$ ,

with the proviso that one or both of  $R_1$  and  $R_2$  is other than hydrogen;

R<sub>3</sub> is selected from R<sub>4</sub>-C(O)-R<sub>5</sub>-, R<sub>4</sub>-R<sub>5a</sub>-, R<sub>4</sub>-C(O)-R<sub>5</sub>-N(R<sub>6</sub>)-, R<sub>6</sub>-S(O)<sub>2</sub>-R<sub>7</sub>-R<sub>26</sub>-S(O)-R<sub>27</sub>-, R<sub>22</sub>-O-C(O)-R<sub>23</sub>-, loweralkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, aryloxyalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl, alkoxyalkoxyalkyl, and R<sub>13</sub>-C(O)-CH(R<sub>14</sub>)-

R<sub>4</sub> and R<sub>6</sub> are independently selected from (R<sub>11</sub>)(R<sub>12</sub>)N-, loweralkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl, hydroxyalkyl, haloalkyl, haloalkenyl, haloalkoxyalkyl, haloalkoxy, alkoxyhaloalkyl, alkylaminoalkyl, dialkylaminoalkyl, alkoxy, and



R<sub>5</sub> is selected from a covalent bond, alkylene, alkenylene, -N(R<sub>20</sub>)-R<sub>8</sub>-, -R<sub>8a</sub>-N(R<sub>20</sub>)-R<sub>8</sub>-, -O-R<sub>9</sub>-, and -R<sub>9a</sub>-O-R<sub>9</sub>-;

R<sub>6</sub> is selected from loweralkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, aryl or arylalkyl;

R<sub>7</sub> is a covalent bond, alkylene, alkenylene -N(R<sub>21</sub>)-R<sub>10</sub>-, and -R<sub>10a</sub>-N(R<sub>21</sub>)-R<sub>10</sub>-;

R<sub>8</sub> is selected from alkylene and alkenylene;

R<sub>9</sub> is alkylene;

R<sub>10</sub> is selected from alkylene and alkenylene;

R<sub>11</sub> and R<sub>12</sub> are independently selected from hydrogen, loweralkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, heterocyclic, arylalkyl, (heterocyclic)alkyl, hydroxyalkyl, alkoxy, aminoalkyl, trialkylaminoalkyl, alkylaminoalkyl, dialkylaminoalkyl, and carboxyalkyl;

R<sub>13</sub> is selected from amino, alkylamino and dialkylamino;

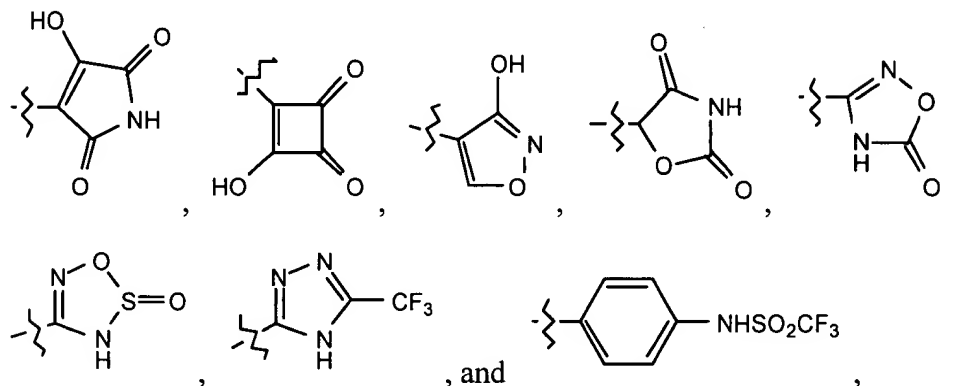
R<sub>14</sub> is selected from aryl and R<sub>15</sub>-C(O)-;

R<sub>15</sub> is selected from amino, alkylamino and dialkylamino;



$R_{16}$  is selected from loweralkyl, haloalkyl, aryl and dialkylamino;  
 $R_{17}$  is loweralkyl;  
 $R_{18}$  and  $R_{19}$  are independently selected from hydrogen and loweralkyl;  
 $R_{20}$  is selected from hydrogen, loweralkyl, alkenyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, cycloalkyl and cycloalkylalkyl;  
 $R_{21}$  is selected from hydrogen, loweralkyl, alkenyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, aryl and arylalkyl;  
 $R_{22}$  is selected from a carboxy protecting group and heterocyclic;  
 $R_{23}$  is selected from covalent bond, alkylene, alkenylene and  $-N(R_{24})-R_{25}-$ ;  
 $R_{24}$  is selected from hydrogen and loweralkyl;  
 $R_{25}$  is alkylene;  
 $R_{26}$  is selected from loweralkyl, haloalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl and alkoxy substituted haloalkyl;  
 $R_{27}$  is selected from alkylene and alkenylene;  
 $R_{5a}$  is selected from alkylene and alkenylene;  
 $R_{7a}$  is alkylene;  
 $R_{8a}$  is selected from alkylene and alkenylene;  
 $R_{9a}$  is alkylene;  
 $R_{10a}$  is selected from alkylene and alkenylene;  
 $R_{aa}$  is selected from aryl and arylalkyl;  
 $R_{bb}$  is selected from hydrogen and alkanoyl;  
 $R_{cc}$  is alkylene;  
 $m$  is 0-6;  
 $n$  is 0 or 1;  
 $z$  is 0-5;  
 $E$  is selected from hydrogen, loweralkyl and arylalkyl;  
 $G$  is selected from hydrogen and a carboxy protecting group; and

W is selected from  $-C(O)_2-G$ ;  $-PO_3H_2$ ,  $-P(O)(OH)(E)$ ,  $-CN$ ,  $-C(O)NHR_{17}$ , alkylaminocarbonyl, dialkylaminocarbonyl, tetrazolyl, hydroxy, alkoxy, sulfonamido,  $-C(O)NHS(O)_2R_{16}$ ,  $-S(O)_2NHC(O)R_{16}$ ,



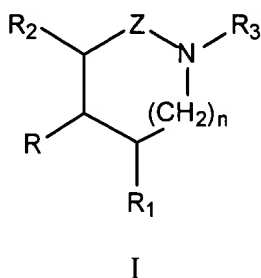
or a pharmaceutically acceptable salt thereof.

31 (withdrawn): The method of Claim 30 wherein the cancer is prostate cancer and the patient is male.

32 (withdrawn): The method of Claim 30 which additionally comprises the administration of at least one therapeutic agent which impedes net bone loss.

33 (withdrawn): The method of Claim 32 wherein the therapeutic agent is a bisphosphonate.

34 (withdrawn): A method for the reduction of cancer-related pain which comprises administering to a patient in need thereof a therapeutically effective amount of a compound of formula I:



wherein

R is  $-(CH_2)_m-W$ ;

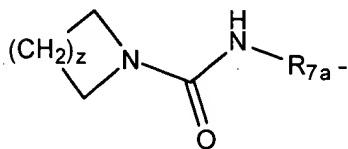
Z is selected from  $-C(R_{18})(R_{19})-$  and  $-C(O)-$ ;

$R_1$  and  $R_2$  are independently selected from hydrogen, loweralkyl, alkenyl, alkynyl, alkoxyalkyl, alkoxycarbonylalkyl, hydroxyalkyl, haloalkyl, haloalkoxyalkyl, alkoxyalkoxyalkyl, thioalkoxyalkoxyalkyl, cycloalkyl, cycloalkylalkyl, aminocarbonylalkyl, alkylaminocarbonylalkyl, dialkylaminocarbonylalkyl, aminocarbonylalkenyl, alkylaminocarbonylalkenyl, dialkylaminocarbonylalkenyl, hydroxyalkenyl, aryl, arylalkyl, aryloxyalkyl, arylalkoxyalkyl, (Nalkanoyl-N-alkyl)aminoalkyl, alkylsulfonylamidoalkyl, heterocyclic, (heterocyclic)alkyl, and  $(R_{aa})(R_{bb})N-R_{cc}-$ ,

with the proviso that one or both of  $R_1$  and  $R_2$  is other than hydrogen;

$R_3$  is selected from  $R_4-C(O)-R_5-$ ,  $R_4-R_{5a}-$ ,  $R_4-C(O)-R_5-N(R_6)-$ ,  $R_6-S(O)_2-R_7-$ ,  $R_{26}-S(O)-R_{27}-$ ,  $R_{22}-O-C(O)-R_{23}-$ , loweralkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, aryloxyalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl, alkoxyalkoxyalkyl, and  $R_{13}-C(O)-CH(R_{14})-$ ;

$R_4$  and  $R_6$  are independently selected from  $(R_{11})(R_{12})N-$ , loweralkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl, hydroxyalkyl, haloalkyl, haloalkenyl, haloalkoxyalkyl, haloalkoxy, alkoxyhaloalkyl, alkylaminoalkyl, dialkylaminoalkyl, alkoxy, and



$R_5$  is selected from a covalent bond, alkylene, alkenylene,  $-N(R_{20})-R_8-$ ,  $-R_{8a}-N(R_{20})-R_8-$ ,  $-O-R_9-$ , and  $-R_{9a}-O-R_9-$ ;

$R_6$  is selected from loweralkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, aryl or arylalkyl;

R7 is a covalent bond, alkylene, alkenylene -N(R21)-R10-, and -R10a-N(R21)-R10-;

R8 is selected from alkylene and alkenylene;

R9 is alkylene;

R10 is selected from alkylene and alkenylene;

R11 and R12 are independently selected from hydrogen, loweralkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkylalkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, heterocyclic, arylalkyl, (heterocyclic)alkyl, hydroxyalkyl, alkoxy, aminoalkyl, trialkylaminoalkyl, alkylaminoalkyl, dialkylaminoalkyl, and carboxyalkyl;

R13 is selected from amino, alkylamino and dialkylamino;

R14 is selected from aryl and R15-C(O)-;

R15 is selected from amino, alkylamino and dialkylamino;

R16 is selected from loweralkyl, haloalkyl, aryl and dialkylamino;

R17 is loweralkyl;

R18 and R19 are independently selected from hydrogen and loweralkyl;

R20 is selected from hydrogen, loweralkyl, alkenyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, cycloalkyl and cycloalkylalkyl;

R21 is selected from hydrogen, loweralkyl, alkenyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl, aryl and arylalkyl;

R22 is selected from a carboxy protecting group and heterocyclic;

R23 is selected from covalent bond, alkylene, alkenylene and -N(R24)-R25-;

R24 is selected from hydrogen and loweralkyl;

R25 is alkylene;

R26 is selected from loweralkyl, haloalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclic, (heterocyclic)alkyl, alkoxyalkyl and alkoxy-substituted haloalkyl;

R27 is selected from alkylene and alkenylene;

R5a is selected from alkylene and alkenylene;

R<sub>7a</sub> is alkylene;

R<sub>8a</sub> is selected from alkylene and alkenylene;

R<sub>9a</sub> is alkylene;

R<sub>10a</sub> is selected from alkylene and alkenylene;

R<sub>aa</sub> is selected from aryl and arylalkyl;

R<sub>bb</sub> is selected from hydrogen and alkanoyl;

R<sub>cc</sub> is alkylene;

m is 0-6;

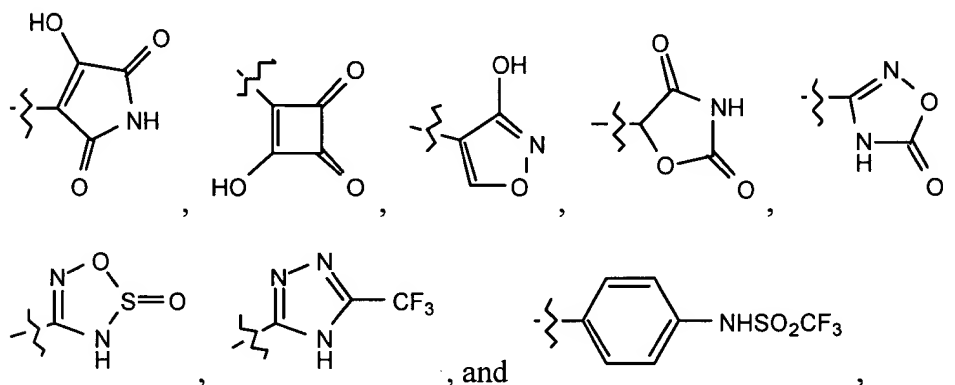
n is 0 or 1;

z is 0-5;

E is selected from hydrogen, loweralkyl and arylalkyl;

G is selected from hydrogen and a carboxy protecting group; and

W is selected from -C(O)<sub>2</sub>-G; -PO<sub>3</sub>H<sub>2</sub>, -P(O)(OH)(E),  
-CN, -C(O)NHR<sub>17</sub>, alkylaminocarbonyl, dialkylaminocarbonyl, tetrazolyl, hydroxy,  
alkoxy, sulfonamido, -C(O)NHS(O)<sub>2</sub>R<sub>16</sub>, -S(O)<sub>2</sub>NHC(O)R<sub>16</sub>,



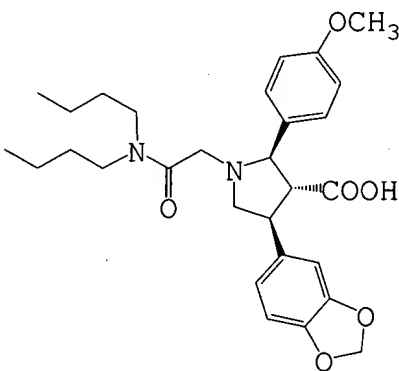
or a pharmaceutically acceptable salt thereof.

35 (withdrawn): The method of Claim 34 wherein the cancer is prostate cancer and the patient is male.

36 (withdrawn): The method of Claim 34 which additionally comprises the administration of an anticancer drug.

37 (withdrawn): The method of Claim 36 wherein the additional anticancer drug is selected from leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

38 (currently amended): A method for inhibiting bone metastases from prostate cancer in a ~~patient having prostate cancer which comprises~~ human comprising administering thereto ~~to the patient~~ a therapeutically effective amount of a compound of formula III



III,

or a pharmaceutically acceptable salt thereof.

39 (original): The method of Claim 38 wherein the bone metastases are osteoblastic.

40 (withdrawn): The method of Claim 39 wherein the osteoblastic bone metastases result from the spread of a primary cancer selected from breast, prostate, lung, kidney, thyroid, myeloma, lymphoma, sarcoma, osteosarcoma, and ovarian.

41 (withdrawn): The method of Claim 40 wherein the primary cancer is prostate cancer and the patient is male.

42 (currently amended): The method of Claim 40 38 which additionally comprises administering an anticancer drug.

43 (original): The method of Claim 42 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

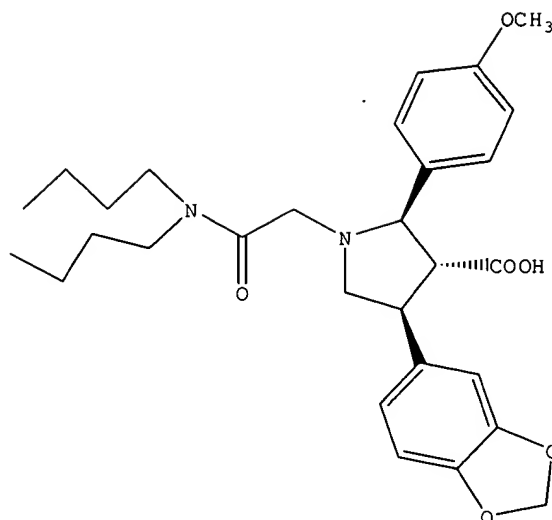
44 (currently amended): The method of Claim 40 38 which additionally comprises administering radiation.

45 (currently amended): The method of Claim 40 38 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

46 (original): The method of Claim 45 wherein the therapeutic agent is a bisphosphonate.

47 (withdrawn): The method of Claim 40 wherein the endothelin antagonist is an ET<sub>A</sub>-selective endothelin antagonist.

48 (withdrawn): A method for the inhibition of bone loss in cancer patients which comprises administering to the patient in need thereof a therapeutically effective amount of a compound of formula III



III.

49 (withdrawn): The method of Claim 48 wherein the cancer is prostate cancer and the patient is male.

50 (withdrawn): The method of Claim 48 which additionally comprises the administration of at least one therapeutic agent which impedes net bone loss.

51 (withdrawn): The method of Claim 50 wherein therapeutic agent is a bisphosphonate.

52 (withdrawn): A method for the reduction of cancer-related pain which comprises administering to a patient in need thereof a therapeutically effective amount of a compound of formula III



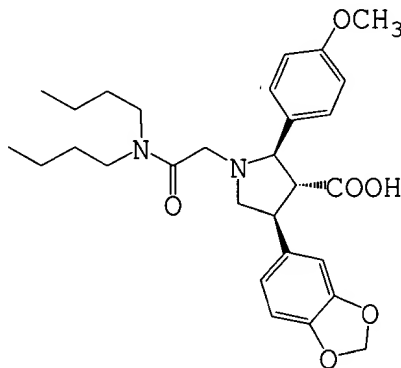


57 (withdrawn): A method for inhibiting metastatic growth in a patient which comprises administering to the patient in need thereof a therapeutically effective amount of an endothelin ET-A receptor antagonist.

58 (withdrawn): A method for inhibiting bone turnover in a patient which comprises administering to the patient in need thereof a therapeutically effective amount of an endothelin ET-A receptor antagonist.

59-64 (canceled)

65 (amended): A method for inhibiting metastatic growth from prostate cancer in a ~~patient having prostate cancer which comprises~~ human comprising administering thereto to the patient a therapeutically effective amount of a compound of formula III



III,

or a pharmaceutically acceptable salt thereof.

66 (original): The method of Claim 65 wherein the ~~bone metastases are~~ metastatic growth is osteoblastic metastatic growth.

67 (original): The method of Claim 65 which additionally comprises administering an anticancer drug.

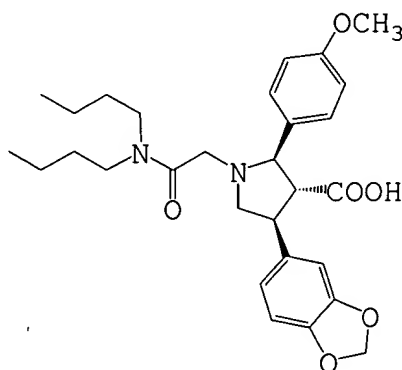
68 (original): The method of Claim 67 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

69 (original): The method of Claim 65 which additionally comprises administering radiation.

70 (original): The method of Claim 65 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

71 (original): The method of Claim 70 wherein the therapeutic agent is a bisphosphonate.

72 (new): A method for inhibiting osteoblastic bone metastases from prostate cancer in a human comprising administering thereto a therapeutically effective amount of a compound of formula III



III,

or a pharmaceutically acceptable salt thereof.

73 (new): The method of Claim 72 which additionally comprises administering an anticancer drug.

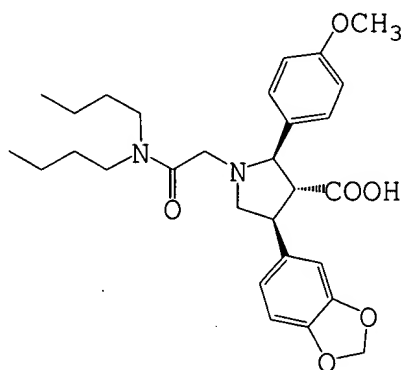
74 (new): The method of Claim 73 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

75 (new): The method of Claim 72 which additionally comprises administering radiation.

76 (new): The method of Claim 72 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

77 (original): The method of Claim 76 wherein the therapeutic agent is a bisphosphonate.

78 (new): A method for inhibiting osteoblastic metastatic growth from prostate cancer in a human comprising administering thereto a therapeutically effective amount of a compound of formula III



III,

or a pharmaceutically acceptable salt thereof.

79 (new): The method of Claim 78 which additionally comprises administering an anticancer drug.

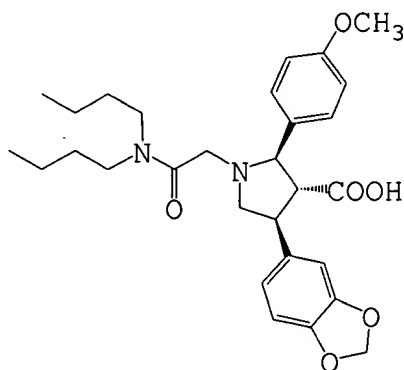
80 (new): The method of Claim 79 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

81 (new): The method of Claim 78 which additionally comprises administering radiation.

82 (new): The method of Claim 78 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

83 (original): The method of Claim 82 wherein the therapeutic agent is a bisphosphonate.

84 (new): A method for inhibiting bone metastases from prostate cancer in a human comprising administering thereto a therapeutically effective amount of the hydrochloride salt of a compound of formula III



III.

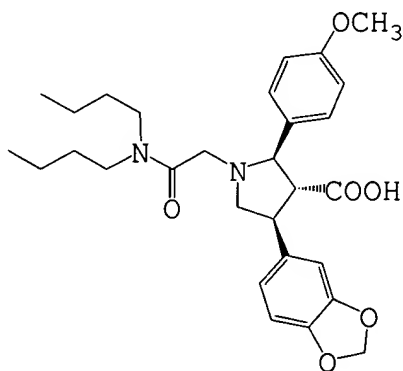
85 (new): The method of Claim 84 wherein the bone metastases are osteoblastic.

86 (new): The method of Claim 84 which additionally comprises administering an

87 (new): The method of Claim 86 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

89 (new): The method of Claim 84 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

91 (new): A method for inhibiting metastatic growth from prostate cancer in a human comprising administering thereto a therapeutically effective amount of the hydrochloride salt of a compound of formula III



92 (new): The method of Claim 91 wherein the metastatic growth is osteoblastic metastatic growth.

93 (new): The method of Claim 91 which additionally comprises administering an anticancer drug.

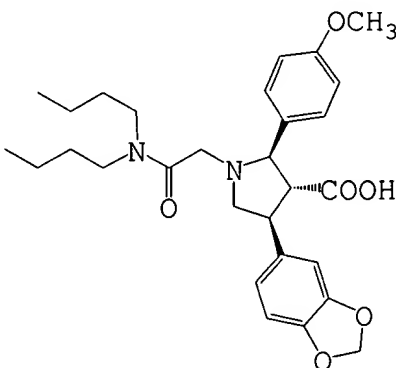
94 (new): The method of Claim 93 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

95 (new): The method of Claim 91 which additionally comprises administering radiation.

96 (new): The method of Claim 91 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

97 (new): The method of Claim 96 wherein the therapeutic agent is a bisphosphonate.

98 (new): A method for inhibiting osteoblastic bone metastases from prostate cancer in a human comprising administering thereto a therapeutically effective amount of the hydrochloride salt of a compound of formula III



III.

99 (new): The method of Claim 98 which additionally comprises administering an anticancer drug.

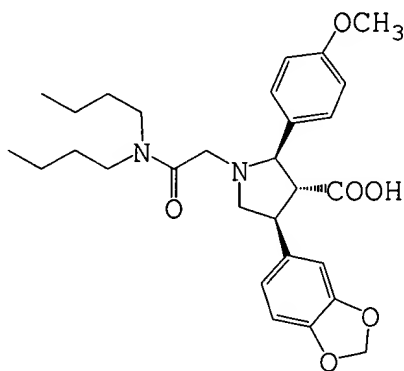
100 (new): The method of Claim 99 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

101 (new): The method of Claim 98 which additionally comprises administering radiation.

102 (new): The method of Claim 98 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

103 (new): The method of Claim 102 wherein the therapeutic agent is a bisphosphonate.

104 (new): A method for inhibiting osteoblastic metastatic growth from prostate cancer in a human comprising administering thereto a therapeutically effective amount of the hydrochloride salt of a compound of formula III



III.

105 (new): The method of Claim 104 which additionally comprises administering



an anticancer drug.

106 (new): The method of Claim 105 wherein the anticancer drug is selected from the group consisting of leuprolide, goserelin, bicalutamide, nilutamide, flutamide, vitamin D, vitamin D analogues, estrogen, estrogen analogues, prednisone, hydrocortisone, ketoconazole, cyproterone acetate, and progesterone.

107 (new): The method of Claim 104 which additionally comprises administering radiation.

108 (new): The method of Claim 104 which additionally comprises administering at least one therapeutic agent which impedes net bone loss.

109 (new): The method of Claim 108 wherein the therapeutic agent is a bisphosphonate.

Respectfully submitted,  
T. J. Janus, et al.

A handwritten signature in black ink, appearing to read "B. Gregory Donner", written over a horizontal line.

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